

ABSTRACT

Computer Communication

A method is provided for more efficiently transmitting data from a server computer
5 to a client computer over a communications network, the nodes of which are
capable of providing two classes of transmission quality. Data is transmitted using
the high priority class until a local cache at the client computer is filled to a certain
upper threshold, at which point the data is transmitted using the low priority class.
If the local cache at the client computer subsequently reaches a lower threshold
10 then the transmitted reverts to the use of the high priority class. The
communications network may be connection-based (e.g. ATM) or connection-less
(e.g. the Internet).

Figure 1

25693con